

2WD Rear Propeller Shaft (Driveshaft) Clunk/Thunk Noise

Service
Category Drivetrain

Section Drive Shaft/Propeller Shaft

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2005 – 2013	Tacoma	Transmission(s): 5AT, 4AT

REVISION NOTICE

August 8, 2014 Rev2:

- The Production Change Information and Warranty Information sections have been updated.

June 3, 2014 Rev1:

- Applicability has been updated to include 2013 model year Tacoma vehicles.
- The Production Change Information section has been added.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2WD 2005 – 2013 model year Tacoma vehicles equipped with an automatic transmission may exhibit a clunk/thunk noise from the rear of the vehicle or a "bump-from-behind" sensation just before a stop or when accelerating from a stop. Improvements have been implemented on the rear propeller shaft (driveshaft). Follow the Repair Procedure in this bulletin to improve this condition.

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Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	TRANS	DRIVETRAIN	WHEEL BASE*	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
Tacoma	A340E	2WD	Short	TMMTX	5TFNX4CN#DX018250
			Long		5TFTX4CN#DX022920
		5TFJX4CN#DX022914			
		5TFTX4GN#DX015169			
		2WD PreRunner	5TFJX4GN#DX015168		
	A750E	2WD PreRunner	Long	TMMBC	3TMJU4GN#CM134410
			Super Long	TMMTX	5TFJU4GN#DX029824
				TMMBC	3TMKU4HN#CM032895
				TMMTX	5TFKU4HN#DX003020
		Long	TMMTX	5TFTU4GN#DX029843	

* Wheel Base Length: Short = 2785 mm (109.6 in.), Long = 3235 mm (127.4 in.), Super Long = 3571 mm (140.6 in.)

Warranty Information

OP CODE	DESCRIPTION	ATM	WHEEL BASE*	TIME	OFF	T1	T2
TC1103	R & R Rear Propeller Shaft Assembly (Regular Cab)	A340E	Short	0.6	37110-04180	91	55
			Long		37110-04181		
					37100-04300		
					37100-04301		
	R & R Rear Propeller Shaft Assembly with Intermediate Shaft with Center Support Bearing	A750E	Long	0.8	37100-04270		
			Super Long		37100-04271		
37100-04350							
37100-04351							
37100-04380							
37100-04381							

* Wheel Base Length: Short = 2785 mm (109.6 in.), Long = 3235 mm (127.4 in.), Super Long = 3571 mm (140.6 in.)

APPLICABLE WARRANTY

- This repair is covered under the Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

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Parts Information

ATM	WHEEL BASE*	PART NUMBER		PART NAME	QTY
		PREVIOUS	NEW		
A340E	Short	37110-04180 37110-04181	37110-04182	Shaft Assy, Propeller	1
	Long	37100-04300 37100-04301	37100-04302	Shaft Assy, Propeller w/ Center Bearing	1
37100-04270 37100-04271		37100-04272	1		
A750E	Super Long	37100-04350 37100-04351	37100-04352		1
		37100-04380 37100-04381	37100-04382		1

* Wheel Base Length: Short = 2785 mm (109.6 in.), Long = 3235 mm (127.4 in.), Super Long = 3571 mm (140.6 in.)

Repair Procedure

1. Confirm that the condition is the rear propeller shaft (driveshaft) clunk/thunk noise.
 - A. Test drive the vehicle and confirm the condition.
 - B. Place the vehicle on the lift and confirm all drivetrain mounts are torqued properly.
 - C. Are the transmission mount bolts and transmission cross member bolts torqued properly?

Refer to the Technical Information System (TIS), applicable model year Repair Manual:

- 2005 Tacoma:
Drivetrain – Automatic Transmission/Transaxle – “Automatic Transmission Assy (A340E) / (A750E): Replacement”
- 2006 – 2013 Tacoma:
Drivetrain – Automatic Transmission/Transaxle – “A340E/A750E Automatic Transmission: Automatic Transmission Assembly: Installation”
 - 2006 Tacoma: [A340E](#) / [A750E](#)
 - 2007 Tacoma: [A340E](#) / [A750E](#)
 - 2008 Tacoma: [A340E](#) / [A750E](#)
 - 2009 Tacoma: [A340E](#) / [A750E](#)
 - 2010 Tacoma: [A340E](#) / [A750E](#)
 - 2011 Tacoma: [A340E](#) / [A750E](#)
 - 2012 Tacoma: [A340E](#) / [A750E](#)

2WD Rear Propeller Shaft (Driveshaft) Clunk/Thunk Noise

Repair Procedure (Continued)

- 2013 Tacoma: [A340E](#) / [A750E](#)
- **YES** — Replace the rear Propeller Shaft (driveshaft) Assembly. Go to step 2.
- **NO** — Properly torque the transmission mount bolts and transmission cross member bolts and test drive to confirm the noise is gone.

If the noise is still present, go to step 2.

2. Install the NEW Propeller Shaft (driveshaft) Assembly.

NOTE

Reuse the spacers provided under the center support bearing to ensure the proper alignment of the center support bearing.

Refer to TIS, applicable model year Repair Manual:

- 2005 Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft Assy ([2WD Regular Cab Type](#)) / ([2WD Access & Double Cab Type](#)): Overhaul”
- 2006 – 2013 Tacoma:
Drivetrain – Drive Shaft/Propeller Shaft – “Propeller Shaft Assembly (for Regular Cab 2WD) / (for Access Cab 2WD and Double Cab 2WD): Removal / Installation”
 - 2006 Tacoma (Regular Cab): [Removal / Installation](#)
 - 2006 Tacoma (Access/Double Cab): [Removal / Installation](#)
 - 2007 Tacoma (Regular Cab): [Removal / Installation](#)
 - 2007 Tacoma (Access/Double Cab): [Removal / Installation](#)
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 - 2012 Tacoma (Regular Cab): [Removal / Installation](#)
 - 2012 Tacoma (Access/Double Cab): [Removal / Installation](#)

2WD Rear Propeller Shaft (Driveshaft) Clunk/Thunk Noise

Repair Procedure (Continued)

- 2013 Tacoma (Regular Cab): [Removal / Installation](#)
 - 2013 Tacoma (Access/Double Cab): [Removal / Installation](#)
3. Test drive and confirm that NO abnormal vibrations or shudders occur while driving, and that the propeller shaft (driveshaft) clunk/thunk noise is eliminated.